

### Abstract Of The Disclosure

An electronically commutatable motor, whose excitation  
windings are controllable via semiconductor output stages  
by an electronic control unit with the aid of PWM control  
signals, a setpoint value being specifiable to the  
control unit, and the control unit emitting corresponding  
PWM control signals to the semiconductor output stages; a  
motor characteristic curve, from which an assigned  
nominal operating speed is derivable for the setpoint  
value being stored in the control unit, and the derived  
nominal operating speed being able to be compared to the  
actual speed of the motor. If a predefinable or  
predefined speed difference between the nominal operating  
speed and the actual speed is exceeded, the control unit  
and/or the semiconductor output stages can be switched  
off. The derivation of the nominal operating speed for  
the predefined setpoint value is facilitated by a  
three-dimensional characteristics field determined by  
four coordinate points.

